

Fig.2

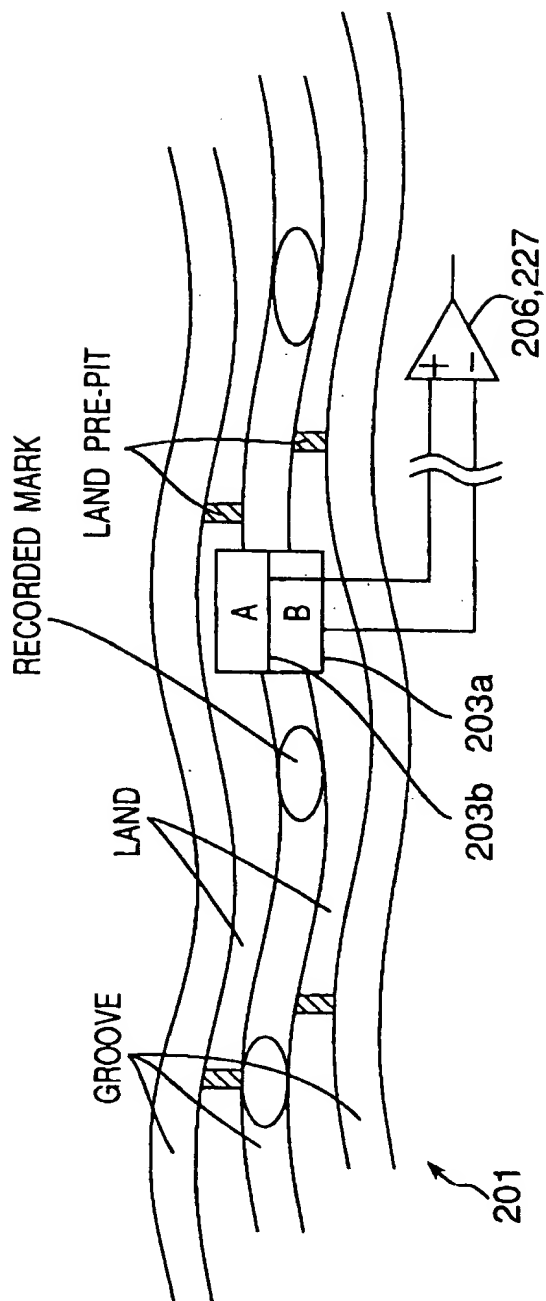
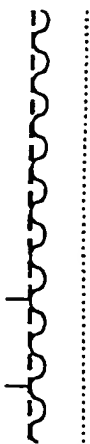


Fig.3A,3B,3F,3G : INCIDENT LIGHT AMOUNT SIGNAL ———
AMPLITUDE DETECTION SIGNAL - - - - -

Fig.3A

OUTPUT OF LPP DETECTION BALANCE
ADJUSTMENT CIRCUIT (TRACKING DETECTOR (A))

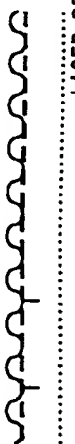


WHEN REPRODUCING
UNRECORDED TRACKS



Fig.3B

OUTPUT OF LPP DETECTION BALANCE
ADJUSTMENT CIRCUIT (TRACKING DETECTOR (B))



LASER OFF LEVEL

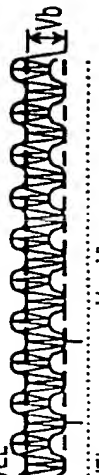


Fig.3C

AMPLITUDE DETECTION SAMPLE
HOLD SIGNAL



LASER OFF LEVEL



Fig.3D

LPP OUTPUT SIGNAL (SOLID LINE) AND LPP
DETECTION LEVEL (DOTTED LINE)



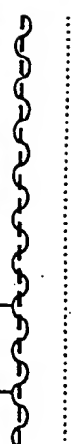
Fig.3E

LPP BINARY-CODED SIGNAL



Fig.3F

OUTPUT OF WOBBLE DETECTION BALANCE
ADJUSTMENT CIRCUIT (TRACKING DETECTOR (A))

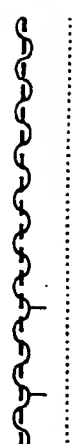


LASER OFF LEVEL

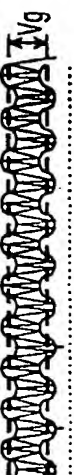


Fig.3G

OUTPUT OF WOBBLE DETECTION BALANCE
ADJUSTMENT CIRCUIT (TRACKING DETECTOR (B))



LASER OFF LEVEL



SAMPLE/HOLD SIGNAL

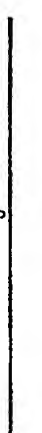


Fig.3H

OUTPUT OF WOBBLE DETECTION
DIFFERENTIAL AMPLIFYING CIRCUIT



Fig.3J

OUTPUT OF BAND PASS FILTER



Fig.3K

WOBBLE BINARY-CODED SIGNAL

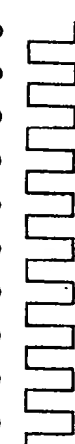
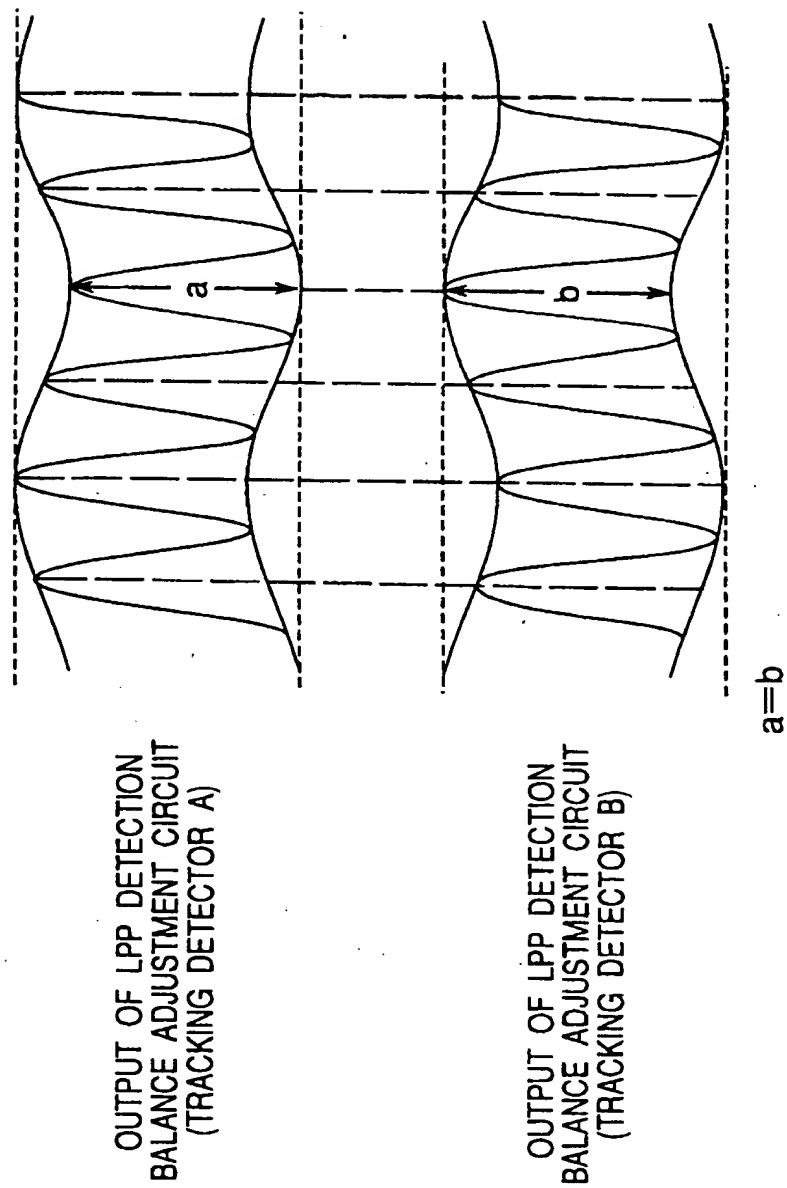


Fig. 4



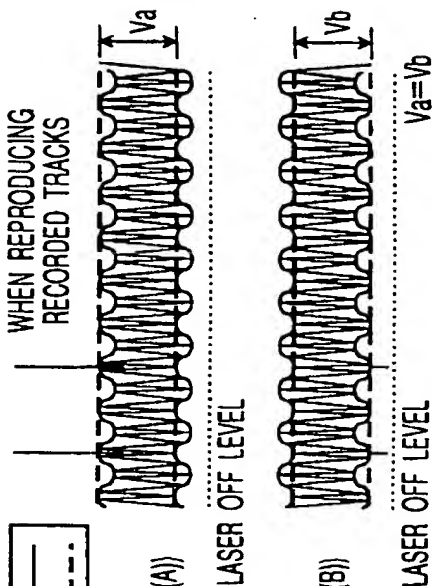


Fig. 5A

Fig. 5B

Fig. 5C

AMPLITUDE DETECTION
 SAMPLE/HOLD SIGNAL

Fig. 5D

LPF OUTPUT SIGNAL (SOLID LINE) AND LPP
 DETECTION LEVEL (DOTTED LINE)

Fig. 5E

OUTPUT OF BAND PASS FILTER

Fig. 5F

WOBBLE BINARY-CODED SIGNAL

Fig. 5G

LPP BINARY-CODED SIGNAL

Fig.6

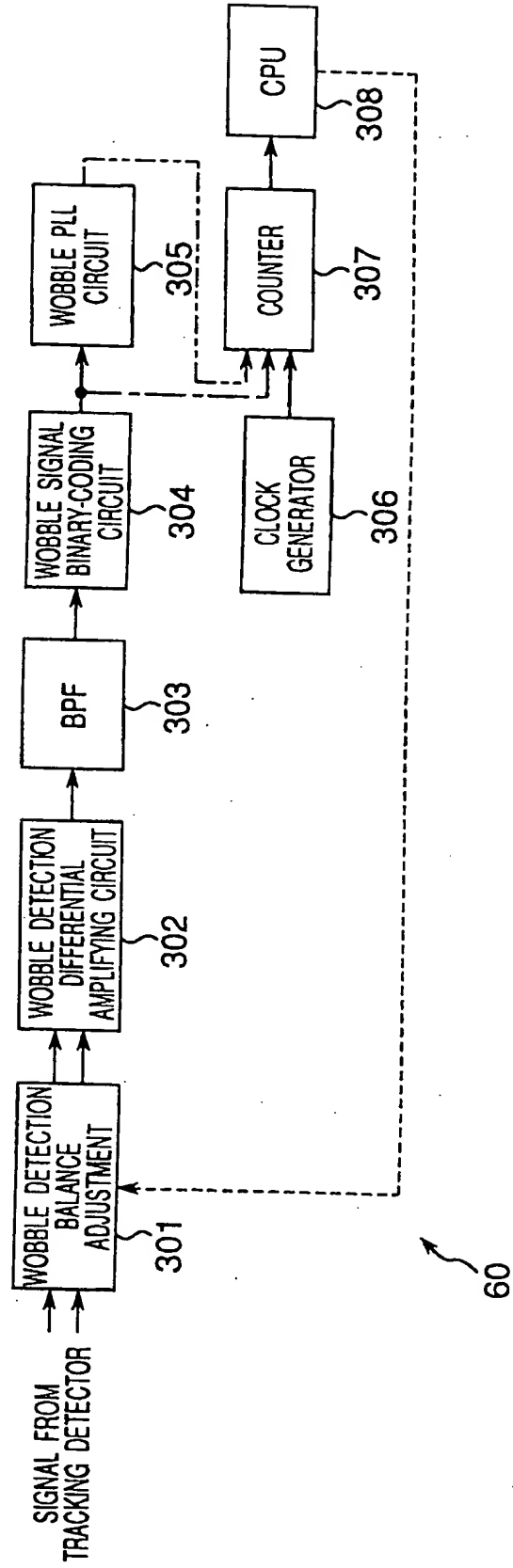
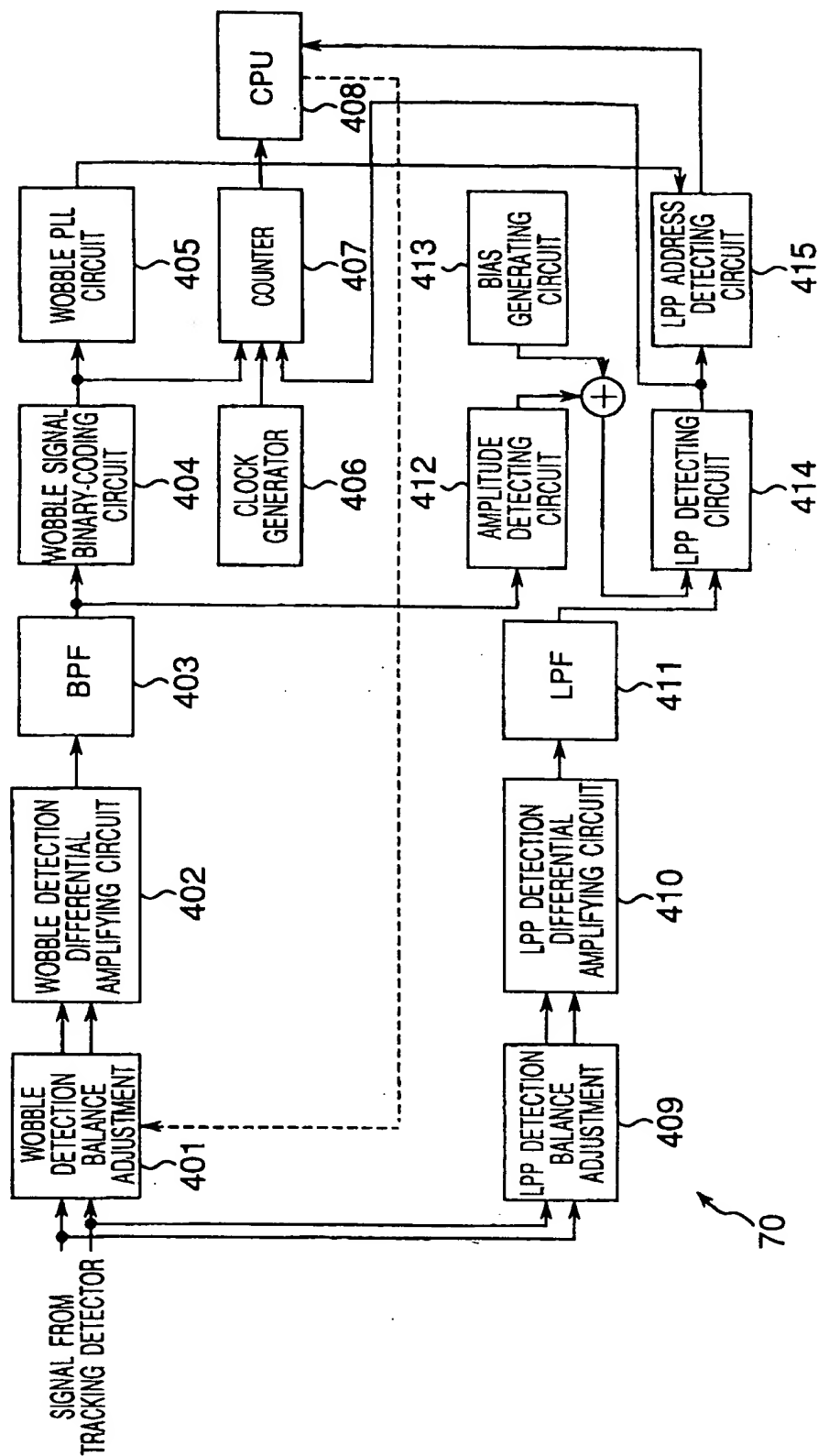


Fig. 7



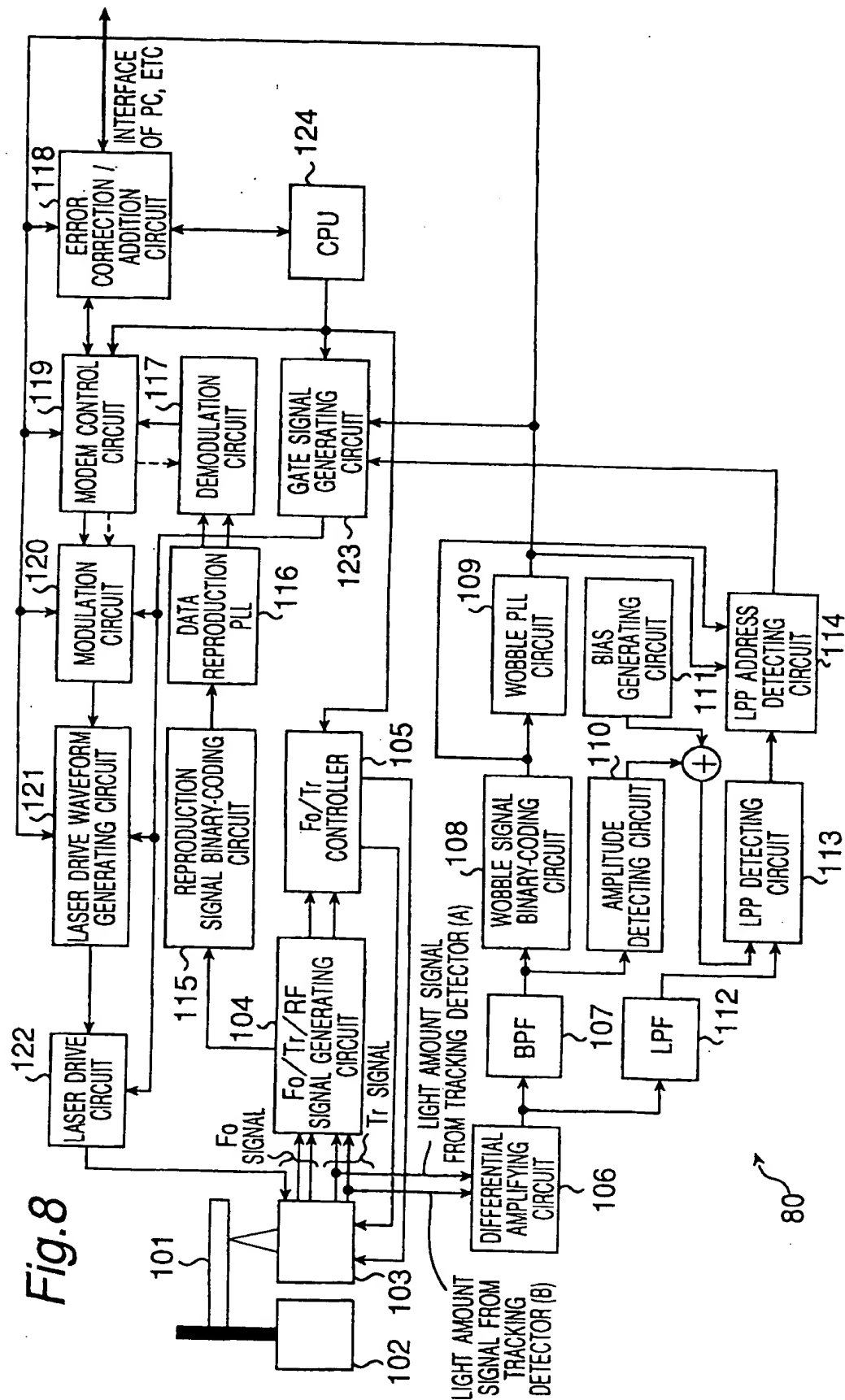


Fig. 8



Fig. 9A
INCIDENT LIGHT AMOUNT SIGNAL
DETECTED BY TRACKING DETECTOR (A)

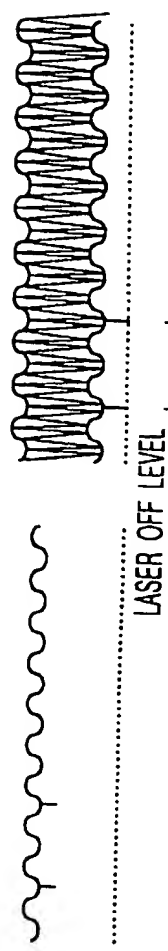


Fig. 9B
INCIDENT LIGHT AMOUNT SIGNAL
DETECTED BY TRACKING DETECTOR (B)

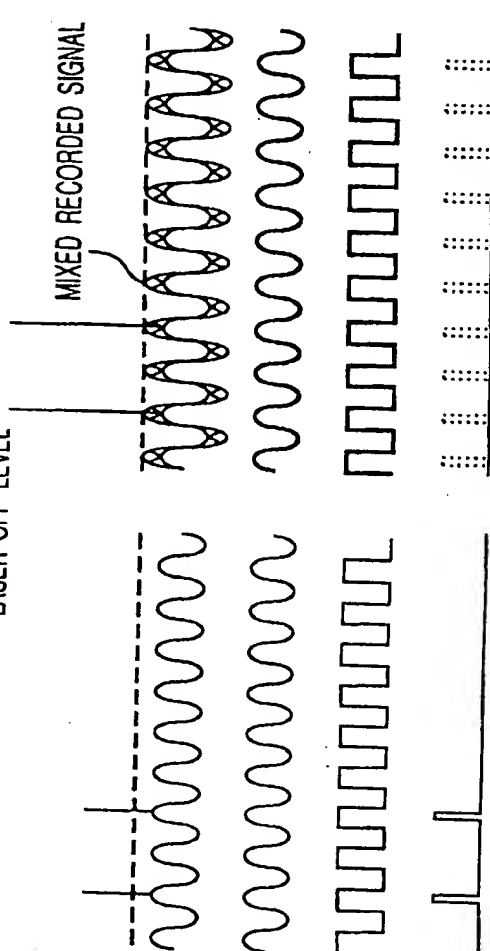


Fig. 9C
LPF OUTPUT SIGNAL (SOLID LINE) AND
LPP DETECTION LEVEL (DOTTED LINE)

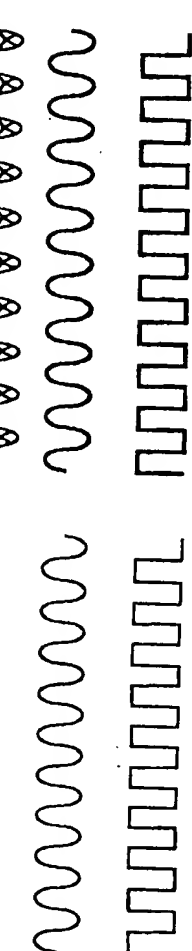


Fig. 9D
OUTPUT OF BAND PASS FILTER

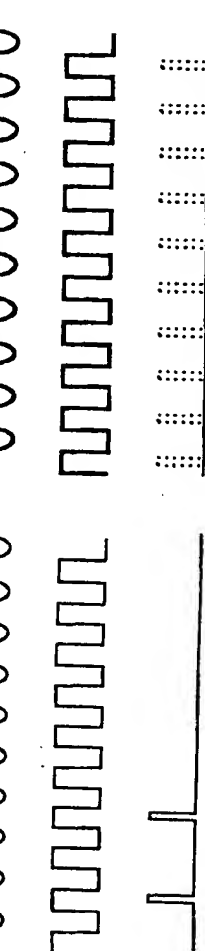


Fig. 9E
WOBBLE BINARY-CODED SIGNAL



Fig. 9F
LPP BINARY-CODED SIGNAL